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| S1 | 2301 | (715/513).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:47 |
| S2 | 244 | (712/28).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:47 |
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| S4 | 59334 | (special or specific) with processor\$1 | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:48 |
| S5 | 294800 | document\$1 | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:48 |
| S6 | 16 | mxml | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:48 |
| S7 | 26667 | markup | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:48 |
| S8 | 5744 | S3 and S4 and S5 | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:48 |
| S9 | 919 | S8 and S7 | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:48 |
| S10 | 2 | S9 and S6 | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:48 |


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1 [Document Formatting Systems: Survey, Concepts, and Issues](#)



◆ Richard Furuta, Jeffrey Scofield, Alan Shaw
 ◆ September 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 3

Publisher: ACM Press

 Full text available: [pdf\(5.36 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

2 [Markup systems and the future of scholarly text processing](#)



◆ James H. Coombs, Allen H. Renear, Steven J. DeRose
 ◆ November 1987 **Communications of the ACM**, Volume 30 Issue 11

Publisher: ACM Press

 Full text available: [pdf\(1.91 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Markup practices can affect the move toward systems that support scholars in the process of thinking and writing. Whereas procedural and presentational markup systems retard that movement, descriptive markup systems accelerate the pace by simplifying mechanical tasks and allowing the authors to focus their attention on the content.

3 [Interactive Editing Systems: Part II](#)



◆ Norman Meyrowitz, Andries van Dam
 ◆ September 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 3

Publisher: ACM Press

 Full text available: [pdf\(9.17 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

4 [Fast detection of communication patterns in distributed executions](#)



Thomas Kunz, Michiel F. H. Seuren
 November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Publisher: IBM Press

 Full text available: [pdf\(4.21 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based

on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

5 Interactive Editing Systems: Part I

◆ Norman Meyrowitz, Andries van Dam

September 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 3

Publisher: ACM Press

Full text available:  [pdf\(3.08 MB\)](#) Additional Information: [full citation](#), [citations](#), [index terms](#)



6 Satchel: providing access to any document, any time, anywhere

◆ Mik Lamming, Marge Eldridge, Mike Flynn, Chris Jones, David Pendlebury

September 2000 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 7 Issue 3

Publisher: ACM Press

Full text available:  [pdf\(591.29 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



Current solutions for providing access to electronic documents while away from the office do not meet the special needs of mobile document workers. We describe "Satchel," a system that is designed specifically to support the distinctive features of mobile document work. Satchel is designed to meet the following five high-level design goals (1) easy access to document services; (2) timely document access; (3) streamlined user interface; (4) ubiquity; and (5) compliance with securi ...

Keywords: document access, document appliance, document processing, information appliance, mobile computing, mobile work

7 XML: not a silver bullet, but a great pipe wrench

◆ Tommie Usdin, Tony Graham

September 1998 **StandardView**, Volume 6 Issue 3

Publisher: ACM Press

Full text available:  [pdf\(86.79 KB\)](#) Additional Information: [full citation](#), [citations](#), [index terms](#), [review](#)



8 Evolution of an SGML application generator

◆ Lynne A. Price, Joe Schneider

January 2000 **Proceedings of the ACM conference on Document processing systems**

Publisher: ACM Press

Full text available:  [pdf\(724.64 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



9 Resource partitioning in general purpose operating systems: experimental results in

◆ Windows NT

D. G. Waddington, D. Hutchison

October 1999 **ACM SIGOPS Operating Systems Review**, Volume 33 Issue 4

Publisher: ACM Press

Full text available:  [pdf\(1.56 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)



The principal role of the operating system is that of resource management. Its task is to present a set of appropriate services to the applications and users it supports. Traditionally, general-purpose operating systems, including Windows NT, federate resource sharing in a fair manner, with the predominant goal of efficient resource utilisation. As a result the chosen scheduling algorithms are not suited to applications that have stringent Quality-of-Service (QoS) and resource management require ...

10 Multiple media publishing in SGML

◆ Paul Prescod

◆ October 1996 **Proceedings of the 14th annual international conference on Systems documentation: Marshaling new technological forces: building a corporate, academic, and user-oriented triangle**

Publisher: ACM Press

Full text available:  pdf(698.03 KB) Additional Information: [full citation](#), [index terms](#)



11 Personal distributed computing: the Alto and Ethernet software

◆ Butler Lampson

◆ January 1986 **Proceedings of the ACM Conference on The history of personal workstations**

Publisher: ACM Press

Full text available:  pdf(3.00 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



The personal distributed computing system based on the Alto and the Ethernet was a major effort to make computers help people to think and communicate. The paper describes the complex and diverse collection of software that was built to pursue this goal, ranging from operating systems, programming environments, and communications software to printing and file servers, user interfaces, and applications such as editors, illustrators, and mail systems.

12 WWW based structuring of codesigns

◆ P. G. Plöger, J. Wilberg, M. Langevin, R. Composano

◆ September 1995 **Proceedings of the 8th international symposium on System synthesis**

Publisher: ACM Press

Full text available:  pdf(142.44 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)
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Abstract: This paper describes a codesign environment based on the WWW (World Wide Web) and its implementation. Tool invocations and their respective results are linked using hypertext documents. We show how to configure a WWW browser for spawning design tools and how frequent tasks like documentation generation and retrieval are facilitated. The design flow can be adopted to the given application very easily. In addition we introduce the concept of a work flow called 'design by documentation'. ...

Keywords: WWW based structuring, WWW browser, World Wide Web, codesigns, design by documentation, documentation generation, hypermedia, hypertext documents, information networks, systems analysis

13 Implementing incremental code migration with XML

◆ Wolfgang Emmerich, Cecilia Mascolo, Anthony Finkelstein

◆ June 2000 **Proceedings of the 22nd international conference on Software engineering**

Publisher: ACM Press



Full text available:  [pdf\(124.85 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We demonstrate how XML and related technologies can be used for code mobility at any granularity, thus overcoming the restrictions of existing approaches. By not fixing a particular granularity for mobile code, we enable complete programs as well as individual lines of code to be sent across the network. We define the concept of incremental code mobility as the ability to migrate and add, remove, or replace code fragments (i.e., increments) in a remote program. The combination of fine-grain ...

Keywords: XML technologies, incremental code migration

14 Querying structured documents with hypertext links using OODBMS 

 V. Christophides, A. Rizk

September 1994 **Proceedings of the 1994 ACM European conference on Hypermedia technology**

Publisher: ACM Press

Full text available:  [pdf\(1.32 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Hierarchical logical structure and hypertext links are complementary and can be combined to build more powerful document management systems. Previous work exploits this complementarity for building better document processors, browsers and editing tools, but not for building sophisticated querying mechanisms. Querying in hypertext has been a requirement since [19] and has already been elaborated in many hypertext systems, but has not yet been used for hypertext systems superimposed on an und ...

Keywords: hypertexts, information retrieval, object oriented databases, path expressions, query languages, structured documents

15 INFO: a simple document annotation facility 

 Scott Tilley, Hausi Müller

October 1991 **Proceedings of the 9th annual international conference on Systems documentation**

Publisher: ACM Press

Full text available:  [pdf\(619.22 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

16 Technique for automatically correcting words in text 

 Karen Kukich

December 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 4

Publisher: ACM Press

Full text available:  [pdf\(6.23 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Research aimed at correcting words in text has focused on three progressively more difficult problems: (1) nonword error detection; (2) isolated-word error correction; and (3) context-dependent word correction. In response to the first problem, efficient pattern-matching and n-gram analysis techniques have been developed for detecting strings that do not appear in a given word list. In response to the second problem, a variety of general and application-specific spelling cor ...

Keywords: n-gram analysis, Optical Character Recognition (OCR), context-dependent spelling correction, grammar checking, natural-language-processing models, neural net classifiers, spell checking, spelling error detection, spelling error patterns, statistical-

language models, word recognition and correction

17 A Web Odyssey: from Codd to XML

 Victor Vianu

May 2001 **Proceedings of the twentieth ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems**

Publisher: ACM Press

Full text available:  [pdf\(282.10 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



18 Software infrastructure for natural language processing

Hamish Cunningham, Kevin Humphreys, Robert Gaizauskas, Yorick Wilks

March 1997 **Proceedings of the fifth conference on Applied natural language processing**

Publisher: Morgan Kaufmann Publishers Inc.

Full text available:  [pdf\(824.58 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

 [Publisher Site](#)



We classify and review current approaches to software infrastructure for research, development and delivery of NLP systems. The task is motivated by a discussion of current trends in the field of NLP and Language Engineering. We describe a system called GATE (a General Architecture for Text Engineering) that provides a software infrastructure on top of which heterogeneous NLP processing modules may be evaluated and refined individually, or may be combined into larger application systems. GATE ai ...

19 Graphical input interaction technique (GIIT)

 James J. Thomas, Griffith Hamlin

January 1983 **ACM SIGGRAPH Computer Graphics**, Volume 17 Issue 1

Publisher: ACM Press

Full text available:  [pdf\(2.34 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)



The contents of this document are the result of intensive discussions among the workshop participants. The names listed by each section are the discussion leaders and principal editors. Without the dedicated enthusiasm from all the participants, the ideas presented could not have been formulated.

20 KMS: a distributed hypermedia system for managing knowledge in organizations

 Robert M. Akscyn, Donald L. McCracken, Elise A. Yoder

July 1988 **Communications of the ACM**, Volume 31 Issue 7

Publisher: ACM Press

Full text available:  [pdf\(1.67 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)



Developers of hypermedia systems face many design issues. The design for KMS, a large-scale hypermedia system for collaborative work, seeks improved user productivity through simplicity of the conceptual data model.

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| S17 | 38 | S12 and S13 and S3 and HTML | US-PGPUB; USPAT | OR | OFF | 2004/07/23 12:03 |
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| S20 | 36420 | HTML or XML or SGML or markup or mark-up or hypertext | US-PGPUB; USPAT | OR | OFF | 2004/07/23 12:11 |
| S21 | 34 | S2 same S3 and S20 | US-PGPUB; USPAT | OR | OFF | 2004/07/23 12:16 |
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| S36 | 77 | XML same (((supplement\$4 or addition\$3 or separat\$4 or special\$5) adj processor) or Biztalk) | US-PGPUB; USPAT | OR | OFF | 2004/07/21 10:18 |

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| S39 | 13399 | XML | US-PGPUB; USPAT | OR | OFF | 2004/07/21 12:19 |
| S40 | 23 | (Biztalk adj server) and XML | US-PGPUB; USPAT | OR | OFF | 2004/07/21 12:20 |
| S41 | 244 | XML and (((supplement\$4 or addition\$3 or separat\$4 or special\$5) adj processor) or Biztalk) | US-PGPUB; USPAT | OR | OFF | 2004/07/21 12:35 |
| S42 | 129 | XML and ((supplement\$4 or addition\$3 or separat\$4 or special\$5) adj processor) | US-PGPUB; USPAT | OR | OFF | 2004/07/21 12:35 |
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| S44 | 8 | XML and ((multiple adj processor\$2) same pars\$4) | US-PGPUB; USPAT | OR | OFF | 2004/07/21 13:02 |
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| S48 | 173 | XML and ((special near5 processor\$2) and pars\$4) | US-PGPUB; USPAT | OR | OFF | 2004/07/21 13:06 |
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| S50 | 1 | (((dual or multiple\$2 or double\$2 or second) adj processor\$1) same pars\$5) same XML | US-PGPUB; USPAT | OR | OFF | 2004/07/23 11:51 |
| S51 | 28 | (((dual or multiple\$2 or double\$2 or second) adj processor\$1) same pars\$5) and XML | US-PGPUB; USPAT | OR | OFF | 2004/07/22 09:40 |
| S52 | 419223 | array | US-PGPUB; USPAT | OR | OFF | 2004/07/23 07:26 |
| S53 | 5 | (US-20020156872-\$ or US-20020035584-\$ or US-20020120776-\$ or US-20010042078-\$ or US-20010054046-\$).did. | US-PGPUB | OR | OFF | 2004/07/23 07:26 |
| S54 | 0 | array and ((US-20020156872-\$ or US-20020035584-\$ or US-20020120776-\$ or US-20010042078-\$ or US-20010054046-\$).did.) | US-PGPUB; USPAT | OR | OFF | 2004/07/23 07:27 |

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|-----|--------|--|--------------------|----|-----|------------------|
| S55 | 0 | array-based adj data adj model | US-PGPUB; USPAT | OR | OFF | 2004/07/23 07:27 |
| S56 | 8 | mXML | US-PGPUB; USPAT | OR | OFF | 2004/07/23 09:11 |
| S57 | 419223 | array | US-PGPUB; USPAT | OR | OFF | 2004/07/23 07:29 |
| S58 | 3 | mXML and array | US-PGPUB; USPAT | OR | OFF | 2004/07/23 07:31 |
| S59 | 955 | array-based | US-PGPUB; USPAT | OR | OFF | 2004/07/23 07:32 |
| S60 | 1 | mXML and array-based | US-PGPUB; USPAT | OR | OFF | 2004/07/23 07:32 |
| S69 | 10 | (US-20010042078-\$ or US-20010054046-\$ or US-20020035584-\$ or US-20020120776-\$ or US-20020156872-\$ or US-20020161801-\$ or US-20020184101-\$ or US-20030023604-\$).did. or (US-4601003-\$ or US-6092089-\$). did. | US-PGPUB; USPAT | OR | OFF | 2004/12/13 06:52 |
| S70 | 6818 | special near2 processor\$1 | US-PGPUB; USPAT | OR | OFF | 2004/12/13 07:39 |
| S71 | 237851 | microprocessor\$1 | US-PGPUB; USPAT | OR | OFF | 2004/12/13 06:53 |
| S72 | 13176 | general near2 processor\$1 | US-PGPUB; USPAT | OR | OFF | 2004/12/13 06:54 |
| S73 | 10 | mxml | US-PGPUB; USPAT | OR | OFF | 2004/12/13 06:54 |
| S74 | 1 | S70 and S71 and S72 and S73 | US-PGPUB; USPAT | OR | OFF | 2004/12/13 06:55 |
| S75 | 602 | S70 and S71 and S72 | US-PGPUB; USPAT | OR | OFF | 2004/12/13 06:55 |
| S76 | 20171 | markup | US-PGPUB; USPAT | OR | OFF | 2004/12/13 06:55 |
| S77 | 17 | S75 and S76 | US-PGPUB; USPAT | OR | OFF | 2004/12/13 06:55 |
| S78 | 2911 | special adj purpose adj processor\$1 | US-PGPUB; USPAT | OR | OFF | 2004/12/13 07:52 |
| S79 | 16246 | xml | US-PGPUB; USPAT | OR | OFF | 2004/12/13 07:40 |
| S80 | 2 | S78 same S79 | US-PGPUB; USPAT | OR | OFF | 2004/12/13 07:40 |
| S81 | 137 | S78 and S79 | US-PGPUB; USPAT | OR | OFF | 2004/12/13 07:40 |

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|-----|--------|---|----------------------|----|-----|------------------|
| S82 | 20171 | markup | US-PGPUB; USPAT | OR | OFF | 2004/12/13 07:49 |
| S83 | 207 | S78 and S82 | US-PGPUB; USPAT | OR | OFF | 2004/12/13 07:49 |
| S84 | 45 | special adj purpose adj processor\$1 | EPO; JPO; DERWENT | OR | OFF | 2004/12/13 07:52 |
| S85 | 7084 | dedicated near2 processor\$1 | US-PGPUB; USPAT | OR | OFF | 2004/12/14 08:10 |
| S86 | 27421 | xml or markup or mark-up | US-PGPUB; USPAT | OR | OFF | 2004/12/14 08:10 |
| S87 | 4 | S85 with S86 | US-PGPUB; USPAT | OR | OFF | 2004/12/14 08:14 |
| S88 | 13 | S85 same S86 | US-PGPUB; USPAT | OR | OFF | 2004/12/14 08:14 |
| S89 | 12 | (US-20010042078-\$ or US-20010046862-\$ or US-20010054046-\$ or US-20020035584-\$ or US-20020083096-\$ or US-20020111924-\$ or US-20020120776-\$ or US-20020156872-\$ or US-20020161801-\$ or US-20020184101-\$ or US-20030023604-\$).did. or (US-4601003-\$).did. | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:14 |
| S90 | 1187 | parsing with document | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:15 |
| S91 | 5 | S89 and S90 | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:18 |
| S92 | 1065 | array-based | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:19 |
| S93 | 10 | (US-20010042078-\$ or US-20010046862-\$ or US-20010054046-\$ or US-20020035584-\$ or US-20020083096-\$ or US-20020111924-\$ or US-20020156872-\$ or US-20020184101-\$ or US-20030023604-\$).did. or (US-4601003-\$).did. | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:18 |
| S94 | 0 | S92 and S93 | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:18 |
| S95 | 1 | array-based adj model | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:20 |
| S96 | 192388 | document | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:19 |

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|----------|-------|---|--------------------|----|-----|------------------|
| S97 | 16275 | xml | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:19 |
| S98 | 0 | S95 with S96 same S97 | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:19 |
| S99 | 1 | S95 with S96 and S97 | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:19 |
| S10 0 | 1 | S95 with S96 | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:19 |
| S10 1 | 1 | S95 same S96 | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:19 |
| S10 2 | 1065 | array-based | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:19 |
| S10 3 | 3 | S102 with S96 | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:20 |
| S10 4 | 4417 | array with document | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:20 |
| S10 5 | 128 | S97 and S104 | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:20 |
| S10 6 | 11 | (US-20010042078-\$ or US-20010046862-\$ or US-20010054046-\$ or US-20020035584-\$ or US-20020083096-\$ or US-20020111924-\$ or US-20020156872-\$ or US-20020184101-\$ or US-20030023604-\$ or US-20010018697-\$).did. or (US-4601003-\$).did. | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:26 |
| S10 7 | 2810 | tree same document | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:27 |
| S10 8 | 2 | S106 and S107 | US-PGPUB; USPAT | OR | OFF | 2004/12/14 11:27 |
| S10 9 | 0 | other adj xml adj (vocabular\$4) | US-PGPUB; USPAT | OR | OFF | 2004/12/14 14:01 |
| S11 0 | 86 | xml adj (vocabular\$4) | US-PGPUB; USPAT | OR | OFF | 2004/12/14 14:01 |
| S11 1 | 1 | ("20040205694").PN. | US-PGPUB; USPAT | OR | OFF | 2004/12/16 08:16 |
| S11 2 | 1826 | (715/513).CCLS. | US-PGPUB; USPAT | OR | OFF | 2004/12/16 10:11 |
| S11 3 | 2010 | (715/513).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/05/25 06:58 |
| S11 4 | 400 | (712/1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/05/25 06:58 |
| S11 5 | 235 | (712/28).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/05/25 06:58 |

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|----------|---------|---|--------------------|----|-----|------------------|
| S11 6 | 136 | (712/29).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/05/25 06:58 |
| S11 7 | 111 | (712/30).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/05/25 06:58 |
| S11 8 | 258 | (712/36).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/05/25 07:00 |
| S11 9 | 3062 | S113 or S114 or S115 or S116 or S117 or S118 | US-PGPUB; USPAT | OR | OFF | 2005/05/25 07:00 |
| S12 0 | 19917 | xml | US-PGPUB; USPAT | OR | OFF | 2005/05/25 07:00 |
| S12 1 | 442798 | processor\$1 | US-PGPUB; USPAT | OR | OFF | 2005/05/25 07:01 |
| S12 2 | 2136 | S120 same S121 | US-PGPUB; USPAT | OR | OFF | 2005/05/25 07:03 |
| S12 3 | 268 | S119 and S122 | US-PGPUB; USPAT | OR | OFF | 2005/05/25 07:01 |
| S12 4 | 1233 | S120 with S121 | US-PGPUB; USPAT | OR | OFF | 2005/05/25 07:01 |
| S12 5 | 212 | S119 and S124 | US-PGPUB; USPAT | OR | OFF | 2005/05/25 07:03 |
| S12 7 | 1332595 | circuit\$1 | US-PGPUB; USPAT | OR | OFF | 2005/05/25 07:03 |
| S12 8 | 26 | S122 same S127 | US-PGPUB; USPAT | OR | OFF | 2005/05/25 07:03 |
| S12 9 | 2 | S119 and S128 | US-PGPUB; USPAT | OR | OFF | 2005/05/25 07:22 |
| S13 0 | 362 | (712/32).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/05/25 07:22 |
| S13 1 | 766 | dual adj core\$1 | US-PGPUB; USPAT | OR | OFF | 2005/06/02 07:03 |
| S13 2 | 445600 | processor\$1 | US-PGPUB; USPAT | OR | OFF | 2005/06/02 07:03 |
| S13 3 | 40 | S131 same S132 | US-PGPUB; USPAT | OR | OFF | 2005/06/02 07:04 |
| S13 4 | 41879 | xml or html | US-PGPUB; USPAT | OR | OFF | 2005/06/02 07:04 |
| S13 5 | 1 | S133 and S134 | US-PGPUB; USPAT | OR | OFF | 2005/06/02 07:04 |
| S13 6 | 23675 | markup | US-PGPUB; USPAT | OR | OFF | 2005/06/02 07:04 |
| S13 7 | 0 | S133 and S136 | US-PGPUB; USPAT | OR | OFF | 2005/06/02 07:04 |
| S13 8 | 2029 | (715/513).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/06/09 07:21 |
| S13 9 | 362 | (712/32).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/06/09 07:21 |

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|----------|---------|--|--------------------|----|-----|------------------|
| S14 0 | 111 | (712/30).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/06/09 07:21 |
| S14 1 | 259 | (712/36).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/06/09 07:21 |
| S14 2 | 136 | (712/29).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/06/09 07:21 |
| S14 3 | 236 | (712/28).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/06/09 07:21 |
| S14 4 | 14815 | offload\$3 or off-load\$3 or (off adj load\$3) | US-PGPUB; USPAT | OR | OFF | 2005/06/16 09:07 |
| S14 5 | 20556 | xml | US-PGPUB; USPAT | OR | OFF | 2005/06/16 09:07 |
| S14 6 | 2778582 | process\$3 | US-PGPUB; USPAT | OR | OFF | 2005/06/16 09:07 |
| S14 7 | 22 | S144 same S145 same S146 | US-PGPUB; USPAT | OR | OFF | 2005/06/16 09:07 |
| S14 8 | 1072 | bus same (integrated adj circuit) same processors | US-PGPUB; USPAT | OR | OFF | 2005/06/16 09:38 |
| S14 9 | 0 | S145 same S148 | US-PGPUB; USPAT | OR | OFF | 2005/06/16 09:40 |
| S15 0 | 12 | S145 and S148 | US-PGPUB; USPAT | OR | OFF | 2005/06/16 09:39 |
| S15 1 | 36 | S145 same S144 | US-PGPUB; USPAT | OR | OFF | 2005/06/16 09:40 |
| S15 2 | 0 | S148 same S144 | US-PGPUB; USPAT | OR | OFF | 2005/06/16 09:40 |
| S15 3 | 23 | S148 and S144 | US-PGPUB; USPAT | OR | OFF | 2005/06/16 10:13 |
| S15 4 | 137659 | processors | US-PGPUB; USPAT | OR | OFF | 2005/06/16 10:13 |
| S15 5 | 18856 | "same" with circuit with board | US-PGPUB; USPAT | OR | OFF | 2005/06/16 10:15 |
| S15 6 | 36 | S154 with S155 | US-PGPUB; USPAT | OR | OFF | 2005/06/16 10:14 |
| S15 7 | 272492 | document\$1 | US-PGPUB; USPAT | OR | OFF | 2005/06/16 10:14 |
| S15 8 | 0 | S156 same S157 | US-PGPUB; USPAT | OR | OFF | 2005/06/16 10:14 |
| S15 9 | 3 | S156 and S157 | US-PGPUB; USPAT | OR | OFF | 2005/06/16 10:14 |
| S16 0 | 1557 | "same" adj circuit adj board | US-PGPUB; USPAT | OR | OFF | 2005/06/16 10:16 |
| S16 1 | 8 | S154 with S160 | US-PGPUB; USPAT | OR | OFF | 2005/06/16 10:16 |
| S16 2 | 1 | S157 and S161 | US-PGPUB; USPAT | OR | OFF | 2005/06/16 10:16 |

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| S16 3 | 16 | mXML | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:30 |
| S16 4 | 20650 | ((dual or multiple\$2 or double\$2 or second) adj processor\$1) | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:30 |
| S16 5 | 233234 | document | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:30 |
| S16 6 | 178 | S164 same S165 | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:32 |
| S16 7 | 651 | XML and (multiple adj processor\$2) | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:30 |
| S16 8 | 2301 | (715/513).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/11/01 11:30 |
| S16 9 | 1369 | array-based | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:32 |
| S17 0 | 372 | (712/32).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:31 |
| S17 1 | 425 | (712/1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:31 |
| S17 2 | 23704 | xml | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:31 |
| S17 3 | 267 | (712/36).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:31 |
| S17 4 | 138 | (712/29).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:31 |
| S17 5 | 838 | dual adj core\$1 | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:32 |
| S17 6 | 1184 | bus same (integrated adj circuit) same processors | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:35 |
| S17 7 | 244 | (712/28).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/11/01 11:35 |